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DES DIVISION OF EMPLOYMENT SECURITY

Employment Review

October 1986

Nonagricultural Employment Displays Slight Increase

Nonagricultural wage and salary employment continued to recover from the summer seasonal decline with an increase of 9,100 jobs in October. Total employment reached 3,000,200, 1,500 higher than the June 1986 level.

- Total manufacturing employment remained below the June level with a loss of 700 jobs between September and October. Employment increases in the nondurable goods producing sector, did not offset a 1,700 worker loss in durable goods.

- Both services and government showed significant monthly employment gains, in part reflecting a normal seasonal increase in educational services.

- Employment in the construction, wholesale and retail trade, and finance sectors decreased slightly, remaining consistent with trends observed last year.

- Compared with the October 1985 level, total nonagricultural employment increased by 36,900 jobs or 1.2 percent.

- The service sector continued to post strong gains in employment with an increase of 34,000 jobs over the year.

- The wholesale and retail trade sector produced 18,000 more jobs. Similar positive growth trends existed in the construction, finance, insurance, and real estate sectors.

- The manufacturing sector suffered the greatest losses over the year with a drop in employment of 32,000. In the high technology manufacturing industries, 12,000 jobs were lost over the year accounting for nearly 40 percent of the total manufacturing decline.

Massachusetts' Major Labor Market Areas III:

The Worcester Area

The Worcester Metropolitan Statistical Area, an area of 29 cities and towns located in central Massachusetts, is the third largest labor market area in the Commonwealth in terms of total employment.

- Total nonagricultural employment in the Worcester area is nearly 6 percent of the state's total employment. Worcester's manufacturing jobs account for approximately 7 percent of statewide manufacturing employment.

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NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

MASSACHUSETTS

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	OCT 1986	SEPT 1986	OCT 1985	#	%	#	%
NONAGRICULTURAL EMPLOYMENT	3000.2	2991.1	2963.3	9.1	0.3	36.9	1.2
Manufacturing	625.0	625.7	657.0	-0.7	-0.1	-32.0	-4.9
Durable Goods	417.8	419.5	442.6	-1.7	-0.4	-24.8	-5.6
Lumber & Furniture	11.2	11.2	12.1	0.0	****	-0.9	-7.4
Stone,Clay & Glass	11.1	11.1	11.5	0.0	****	-0.4	-3.5
Primary Metals	16.5	16.4	15.8	0.1	0.6	0.7	4.4
Fabricated Metals	44.3	44.6	47.7	-0.3	-0.7	-3.4	-7.1
Cutlery,Hand tools,Hardware	9.7	9.7	9.7	0.0	****	0.0	****
Machinery, except electrical	102.5	103.1	110.6	-0.6	-0.6	-8.1	-7.3
Metalworking machinery	13.6	13.6	14.6	0.0	****	-1.0	-6.8
Special industry machinery	13.8	14.0	14.9	-0.2	-1.4	-1.1	-7.4
* Office Computing, & Accounting Machines	51.7	51.8	54.8	-0.1	-0.2	-3.1	-5.7
Electrical & Electronic machinery,equip.,etc.	123.5	124.4	128.0	-0.9	-0.7	-4.5	-3.5
Communications equipment	43.7	44.3	46.0	-0.6	-1.4	-2.3	-5.0
Electronic components	55.7	55.7	57.4	0.0	****	-1.7	-3.0
Transportation equipment	36.3	36.3	40.2	0.0	****	-3.9	-9.7
Instruments	53.5	53.9	56.8	-0.4	-0.7	-3.3	-5.8
Measuring & Control devices	20.4	20.8	22.7	-0.4	-1.9	-2.3	-10.1
Miscellaneous Manufacturing Industries	18.9	18.5	19.9	0.4	2.2	-1.0	-5.0
Jewelry	7.2	7.1	7.8	0.1	1.4	-0.6	-7.7
Nondurable Goods	207.2	206.2	214.4	1.0	0.5	-7.2	-3.4
Food & kindred products	23.9	23.3	24.6	0.6	2.6	-0.7	-2.8
Textile mill products	18.4	18.3	18.9	0.1	0.5	-0.5	-2.6
Apparel	29.3	29.8	32.5	-0.5	-1.7	-3.2	-9.8
Mens & Boys suits coats & furnishings	7.2	7.2	7.9	0.0	****	-0.7	-8.9
Paper & allied products	25.4	25.2	25.5	0.2	0.8	-0.1	-0.4
Printing & Publishing	52.2	51.7	52.6	0.5	1.0	-0.4	-0.8
Chemicals	17.5	17.4	17.7	0.1	0.6	-0.2	-1.1
Rubber & miscellaneous Plastic products	28.1	28.0	28.2	0.1	0.4	-0.1	-0.4
Miscellaneous Plastic products	21.0	20.9	21.2	0.1	0.5	-0.2	-0.9
Leather & Leather products	10.8	10.9	12.7	-0.1	-0.9	-1.9	-15.0
Footwear, except rubber	5.5	5.6	6.8	-0.1	-1.8	-1.3	-19.1
Mining	1.4	1.4	1.5	0.0	****	-0.1	-6.7
Construction	124.4	125.8	116.5	-1.4	-1.1	7.9	6.8
Transportation, Communication & Public Utilities	130.3	130.5	129.4	-0.2	-0.2	0.9	0.7
Wholesale & Retail trade	708.4	711.3	690.4	-2.9	-0.4	18.0	2.6
Wholesale Trade	158.0	157.4	152.9	0.6	0.4	5.1	3.3
Retail Trade	550.4	553.9	537.5	-3.5	-0.6	12.9	2.4
Finance, Insurance & Real Estate	202.1	204.7	193.1	-2.6	-1.3	9.0	4.7
Banking	62.8	62.7	59.8	0.1	0.2	3.0	5.0
Services	829.1	817.6	794.2	11.5	1.4	34.9	4.4
Health Services	242.2	242.4	236.6	-0.2	-0.1	5.6	2.4
Educational Services	121.8	107.6	118.6	14.2	13.2	3.2	2.7
Government	379.5	374.1	381.2	5.4	1.4	-1.7	-0.4
Federal	58.1	58.3	57.9	-0.2	-0.3	0.2	0.3
U.S. Postal Service	24.5	24.5	23.3	0.0	****	1.2	5.2
State	95.5	97.1	98.0	-1.6	-1.6	-2.5	-2.6
Educational services	26.8	26.4	28.1	0.4	1.5	-1.3	-4.6
Local	225.9	218.7	225.3	7.2	3.3	0.6	0.3
Educational services	128.5	119.5	125.1	9.0	7.5	3.4	2.7
Other Local	97.4	99.2	100.2	-1.8	-1.8	-2.8	-2.8
* High Technology Manufacturing	252.3	253.9	264.3	-1.6	-0.6	-12.0	-4.5
* High Technology Nonmanufacturing	80.6	80.2	75.1	0.4	0.5	5.5	7.3

NOTE: By place of work, not comparable to labor force employment statistics

*Not Currently Validated by the Bureau of Labor Statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

BOSTON PMSA

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	OCT 1986	SEPT 1986	OCT 1985	#	%	#	%
NONAGRICULTURAL EMPLOYMENT	1705.5	1687.6	1665.3	17.9	1.1	40.2	2.4
Manufacturing	312.1	311.9	317.0	0.2	0.1	-4.9	-1.5
Durable Goods	225.7	226.0	230.3	-0.3	-0.1	-4.6	-2.0
Primary Metals	3.5	3.5	3.6	0.0	****	-0.1	-2.8
Fabricated Metals	17.3	17.5	17.9	-0.2	-1.1	-0.6	-3.4
Machinery, except electrical	48.0	48.0	48.5	0.0	****	-0.5	-1.0
Electrical & Electronic machinery,equip.,etc.	79.4	79.3	78.8	0.1	0.1	0.6	0.8
Transportation equipment	23.5	23.5	26.3	0.0	****	-2.8	-10.6
Instruments	42.5	42.6	43.3	-0.1	-0.2	-0.8	-1.8
Nondurable Goods	86.4	85.9	86.7	0.5	0.6	-0.3	-0.3
Food & kindred products	12.0	11.8	13.1	0.2	1.7	-1.1	-8.4
Textile mill products	2.9	2.9	2.9	0.0	****	0.0	****
Apparel	8.1	8.4	8.7	-0.3	-3.6	-0.6	-6.9
Paper & allied products	7.9	7.8	7.8	0.1	1.3	0.1	1.3
Printing & Publishing	34.6	33.8	33.1	0.8	2.4	1.5	4.5
Chemicals	8.8	8.9	8.6	-0.1	-1.1	0.2	2.3
Rubber & miscellaneous Plastic products	9.0	8.9	8.8	0.1	1.1	0.2	2.3
Leather & Leather products	2.4	2.7	2.9	-0.3	-11.1	-0.5	-17.2
Mining	0.9	0.8	0.6	0.1	12.5	0.3	50.0
Construction	66.4	67.8	60.4	-1.4	-2.1	6.0	9.9
Transportation, Communication & Public Utilities	77.2	76.8	75.4	0.4	0.5	1.8	2.4
Wholesale & Retail trade	383.6	379.9	369.0	3.7	1.0	14.6	4.0
Finance, Insurance & Real Estate	138.1	139.3	130.8	-1.2	-0.9	7.3	5.6
Banking	41.4	41.3	38.2	0.1	0.2	3.2	8.4
Insurance	37.1	38.0	37.2	-0.9	-2.4	-0.1	-0.3
Services	539.1	526.4	517.7	12.7	2.4	21.4	4.1
Health Services	136.0	136.4	134.3	-0.4	-0.3	1.7	1.3
Educational Services	92.9	80.0	89.4	12.9	16.1	3.5	3.9
Government	188.1	184.7	194.4	3.4	1.8	-6.3	-3.2
Federal	37.0	37.2	36.5	-0.2	-0.5	0.5	1.4
U.S. Postal Service	13.9	13.9	13.1	0.0	****	0.8	6.1
Federal Hospitals	4.9	4.9	5.0	0.0	****	-0.1	-2.0
State	47.2	48.1	46.8	-0.9	-1.9	0.4	0.9
State Hospitals	4.8	4.8	4.6	0.0	****	0.2	4.3
Educational services	8.6	8.3	8.2	0.3	3.6	0.4	4.9
Local	103.9	99.4	111.1	4.5	4.5	-7.2	-6.5

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	OCT 1986	SEPT 1986	OCT 1985	#	%	#	%
SPRINGFIELD MSA							
NONAGRICULTURAL EMPLOYMENT	230.8	229.0	226.6	1.8	0.8	4.2	1.9
Manufacturing	52.6	52.3	53.4	0.3	0.6	-0.8	-1.5
Durable Goods	27.5	27.1	27.4	0.4	1.5	0.1	0.4
Fabricated Metals	7.3	7.3	7.3	0.0	****	0.0	****
Machinery, except electrical	7.1	7.0	7.0	0.1	1.4	0.1	1.4
Nondurable Goods	25.1	25.2	26.0	-0.1	-0.4	-0.9	-3.5
Textile mill products	1.5	1.5	1.5	0.0	****	0.0	****
Apparel	1.3	1.3	1.3	0.0	****	0.0	****
Paper & allied products	7.2	7.2	7.5	0.0	****	-0.3	-4.0
Printing & Publishing	5.6	5.6	5.8	0.0	****	-0.2	-3.4
Mining	0.2	0.2	0.1	0.0	****	0.1	100.0
Construction	9.5	9.4	8.3	0.1	1.1	1.2	14.5
Transportation, Communication & Public Utilities	8.7	8.7	8.8	0.0	****	-0.1	-1.1
Wholesale & Retail trade	54.0	54.0	52.5	0.0	****	1.5	2.9
Finance, Insurance & Real Estate	15.2	15.5	14.7	-0.3	-1.9	0.5	3.4
Services	55.0	54.7	52.1	0.3	0.5	2.9	5.6
Government	35.6	34.2	36.7	1.4	4.1	-1.1	-3.0
Federal	5.9	6.0	5.8	-0.1	-1.7	0.1	1.7
State	7.0	6.9	7.9	0.1	1.4	-0.9	-11.4
Local	22.7	21.3	23.0	1.4	6.6	-0.3	-1.3
WORCESTER MSA							
NONAGRICULTURAL EMPLOYMENT	187.8	186.4	184.3	1.4	0.8	3.5	1.9
Manufacturing	43.0	43.1	45.8	-0.1	-0.2	-2.8	-6.1
Durable Goods	29.2	29.2	31.3	0.0	****	-2.1	-6.7
Primary Metals	1.8	1.7	2.2	0.1	5.9	-0.4	-18.2
Fabricated Metals	8.2	8.1	8.5	0.1	1.2	-0.3	-3.5
Machinery, except electrical	9.3	9.4	10.2	-0.1	-1.1	-0.9	-8.8
Nondurable Goods	13.8	13.9	14.5	-0.1	-0.7	-0.7	-4.8
Textile mill products	2.6	2.7	3.0	-0.1	-3.7	-0.4	-13.3
Leather & Leather products	0.6	0.7	0.8	-0.1	-14.3	-0.2	-25.0
Mining	0.1	0.1	0.1	0.0	****	0.0	****
Construction	9.8	9.9	8.6	-0.1	-1.0	1.2	14.0
Transportation, Communication & Public Utilities	7.9	7.8	8.0	0.1	1.3	-0.1	-1.3
Wholesale & Retail trade	46.0	45.5	43.7	0.5	1.1	2.3	5.3
Finance, Insurance & Real Estate	12.1	12.4	11.4	-0.3	-2.4	0.7	6.1
Services	46.0	45.0	43.5	1.0	2.2	2.5	5.7
Government	22.9	22.6	23.2	0.3	1.3	-0.3	-1.3

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	OCT 1986	SEPT 1986	OCT 1985	#	%	#	%
BROCKTON PMSA							
NONAGRICULTURAL EMPLOYMENT	71.5	70.9	69.1	0.6	0.8	2.4	3.5
Manufacturing	10.7	10.7	11.4	0.0	****	-0.7	-6.1
Durable Goods	5.8	5.7	6.1	0.1	1.8	-0.3	-4.9
Electrical & Electronic machinery,equip.,etc.	1.5	1.5	1.6	0.0	****	-0.1	-6.3
Nondurable Goods	4.9	5.0	5.3	-0.1	-2.0	-0.4	-7.5
Construction	4.5	4.6	3.3	-0.1	-2.2	1.2	36.4
Transportation, Communication & Public Utilities	4.8	4.6	5.2	0.2	4.3	-0.4	-7.7
Wholesale & Retail trade	21.2	21.3	20.3	-0.1	-0.5	0.9	4.4
Finance, Insurance & Real Estate	3.1	3.1	3.0	0.0	****	0.1	3.3
Services	15.6	15.3	14.4	0.3	2.0	1.2	8.3
Government	11.6	11.3	11.5	0.3	2.7	0.1	0.9
Federal	2.9	2.9	2.8	0.0	****	0.1	3.6
State	2.2	2.1	2.2	0.1	4.8	0.0	****
Local	6.5	6.3	6.5	0.2	3.2	0.0	****
LAWRENCE - HAVERHILL MASS. - N.H. PMSA							
NONAGRICULTURAL EMPLOYMENT	163.2	162.7	162.2	0.5	0.3	1.0	0.6
Manufacturing	55.3	55.4	56.5	-0.1	-0.2	-1.2	-2.1
Durable Goods	40.3	40.8	41.7	-0.5	-1.2	-1.4	-3.4
Nondurable Goods	15.0	14.6	14.8	0.4	2.7	0.2	1.4
Leather & Leather products	2.4	2.3	2.8	0.1	4.3	-0.4	-14.3
Construction	8.1	8.4	12.1	-0.3	-3.6	-4.0	-33.1
Transportation, Communication & Public Utilities	6.8	6.9	6.3	-0.1	-1.4	0.5	7.9
Wholesale & Retail trade	35.5	35.5	32.9	0.0	****	2.6	7.9
Finance, Insurance & Real Estate	5.7	5.6	5.4	0.1	1.8	0.3	5.6
Services	32.7	32.6	30.8	0.1	0.3	1.9	6.2
Government	19.1	18.3	18.2	0.8	4.4	0.9	4.9

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	OCT 1986	SEPT 1986	OCT 1985	#	%	#	%
FITCHBURG - LEOMINSTER MSA							
NONAGRICULTURAL EMPLOYMENT	41.1	40.9	39.8	0.2	0.5	1.3	3.3
Manufacturing	13.6	13.4	13.6	0.2	1.5	0.0	****
Durable Goods	5.8	5.8	6.2	0.0	****	-0.4	-6.5
Machinery, except electrical	3.5	3.5	3.8	0.0	****	-0.3	-7.9
Nondurable Goods	7.8	7.6	7.4	0.2	2.6	0.4	5.4
Rubber & Miscellaneous Plastic products	3.6	3.5	3.8	0.1	2.9	-0.2	-5.3
Construction	3.0	2.8	2.1	0.2	7.1	0.9	42.9
Transportation, Communication & Public Utilities	1.6	1.6	1.6	0.0	****	0.0	****
Wholesale & Retail trade	9.8	9.8	9.5	0.0	****	0.3	3.2
Finance, Insurance & Real Estate	1.6	1.6	1.5	0.0	****	0.1	6.7
Services	7.1	7.2	7.1	-0.1	-1.4	0.0	****
Government	4.4	4.5	4.4	-0.1	-2.2	0.0	****
LOWELL MASS. - N.H. PMSA							
NONAGRICULTURAL EMPLOYMENT	107.6	106.4	103.6	1.2	1.1	4.0	3.9
Manufacturing	37.1	37.1	37.9	0.0	****	-0.8	-2.1
Construction	5.6	5.7	4.7	-0.1	-1.8	0.9	19.1
Transportation, Communication & Public Utilities	3.9	3.9	3.9	0.0	****	0.0	****
Wholesale & Retail trade	25.0	24.5	22.6	0.5	2.0	2.4	10.6
Finance, Insurance & Real Estate	3.9	3.9	3.5	0.0	****	0.4	11.4
Services	18.3	18.1	17.6	0.2	1.1	0.7	4.0
Government	13.7	13.1	13.3	0.6	4.6	0.4	3.0
SALEM - GLOUCESTER PMSA							
NONAGRICULTURAL EMPLOYMENT	109.9	110.0	106.0	-0.1	-0.1	3.9	3.7
Manufacturing	22.4	22.2	22.6	0.2	0.9	-0.2	-0.9
Durable Goods	15.7	15.7	15.5	0.0	****	0.2	1.3
Nondurable Goods	6.7	6.6	7.1	0.1	1.5	-0.4	-5.6
Construction	3.9	4.2	3.7	-0.3	-7.1	0.2	5.4
Transportation, Communication & Public Utilities	3.3	3.5	3.1	-0.2	-5.7	0.2	6.5
Wholesale & Retail trade	32.7	33.3	31.7	-0.6	-1.8	1.0	3.2
Finance, Insurance & Real Estate	4.8	4.8	4.5	0.0	****	0.3	6.7
Services	26.7	26.4	25.2	0.3	1.1	1.5	6.0
Government	16.1	15.6	15.3	0.5	3.2	0.8	5.2

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	OCT 1986	SEPT 1986	OCT 1985	#	%	#	%
PITTSFIELD MSA							
NONAGRICULTURAL EMPLOYMENT	42.7	42.7	41.3	0.0	****	1.4	3.4
Manufacturing	11.9	11.8	11.8	0.1	0.8	0.1	0.8
Machinery	8.0	7.9	7.9	0.1	1.3	0.1	1.3
Construction	1.9	1.9	1.8	0.0	****	0.1	5.6
Transportation, Communication & Public Utilities	1.1	1.1	1.0	0.0	****	0.1	10.0
Wholesale & Retail trade	11.9	11.8	10.9	0.1	0.8	1.0	9.2
Finance, Insurance & Real Estate	2.1	2.1	2.1	0.0	****	0.0	****
Services	8.9	9.2	8.9	-0.3	-3.3	0.0	****
Government	4.8	4.7	4.7	0.1	2.1	0.1	2.1
NEW BEDFORD MSA							
NONAGRICULTURAL EMPLOYMENT	67.7	68.6	66.9	-0.9	-1.3	0.8	1.2
Manufacturing	21.4	21.6	23.2	-0.2	-0.9	-1.8	-7.8
Durable Goods	8.2	8.2	9.5	0.0	****	-1.3	-13.7
Primary & Fabricated Metals	2.3	2.2	3.2	0.1	4.5	-0.9	-28.1
Nondurable Goods	13.2	13.4	13.7	-0.2	-1.5	-0.5	-3.6
Apparel	6.5	6.6	7.1	-0.1	-1.5	-0.6	-8.5
Construction	2.5	2.6	2.5	-0.1	-3.8	0.0	****
Transportation, Communication & Public Utilities	2.6	2.6	2.7	0.0	****	-0.1	-3.7
Wholesale & Retail trade	16.2	16.6	15.2	-0.4	-2.4	1.0	6.6
Finance, Insurance & Real Estate	3.1	3.2	2.5	-0.1	-3.1	0.6	24.0
Services	12.0	12.2	11.3	-0.2	-1.6	0.7	6.2
Government	9.9	9.8	9.5	0.1	1.0	0.4	4.2
FALL RIVER MASS. - R.I. PMSA							
NONAGRICULTURAL EMPLOYMENT	54.8	55.7	55.0	-0.9	-1.6	-0.2	-0.4
Manufacturing	18.1	17.9	18.6	0.2	1.1	-0.5	-2.7
Textile mill products	4.6	4.5	4.3	0.1	2.2	0.3	7.0
All other manufacturing	13.5	13.4	14.3	0.1	0.7	-0.8	-5.6
Construction	2.4	2.5	2.0	-0.1	-4.0	0.4	20.0
Transportation, Communication & Public Utilities	1.6	1.7	1.7	-0.1	-5.9	-0.1	-5.9
Wholesale & Retail trade	13.9	14.1	13.2	-0.2	-1.4	0.7	5.3
Finance, Insurance & Real Estate	2.8	2.8	2.7	0.0	****	0.1	3.7
Services	10.1	10.3	10.2	-0.2	-1.9	-0.1	-1.0
Government	6.4	6.2	6.6	0.2	3.2	-0.2	-3.0

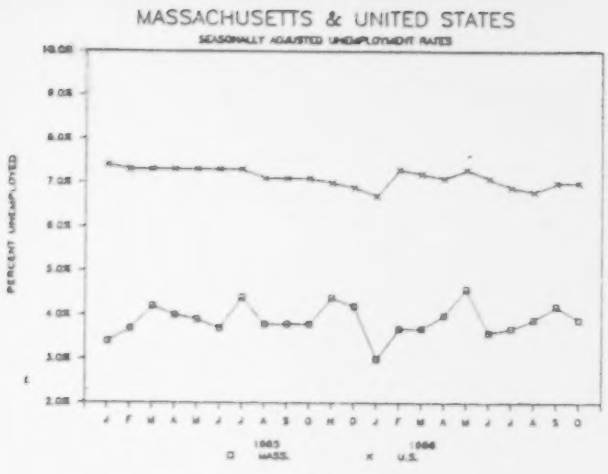
NOTE: By place of work, not comparable to labor force employment statistics

Nonagricultural Wage and Salary Employment
AVERAGE HOURS AND EARNINGS OF PRODUCTION WORKERS BY AREA
MANUFACTURING

AREA	AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	OCT 86	SEPT 86	OCT 85	OCT 86	SEPT 86	OCT 85
UNITED STATES	40.7	41.0	40.8	$9.73	$9.73	$9.56
MASSACHUSETTS	40.7	41.4	41.2	9.18	9.40	9.02
BOSTON	40.4	40.6	40.8	10.32	10.30	9.76
SPRINGFIELD	42.6	42.7	42.2	8.98	8.98	8.85
WORCESTER	39.8	40.5	41.8	9.49	9.40	9.14

Nonagricultural Wage and Salary Employment
AVERAGE HOURS AND EARNINGS OF PRODUCTION WORKERS BY INDUSTRY
MASSACHUSETTS

INDUSTRY	AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	OCT 86	SEPT 86	OCT 85	OCT 86	SEPT 86	OCT 85
MANUFACTURING	40.7	41.4	41.2	$9.18	$9.40	$9.02
DURABLE GOODS	41.0	41.9	41.9	10.03	9.92	9.50
LUMBER & FURNITURE	39.4	40.8	38.8	6.88	6.84	6.92
STONE, CLAY & GLASS	38.7	39.9	40.5	11.35	11.16	11.07
PRIMARY METALS	42.7	43.1	42.9	9.14	9.10	8.61
FABRICATED METALS	41.8	42.2	41.4	9.77	9.64	9.45
CUTLERY, HAND TOOLS, HARDWARE	41.5	41.7	43.0	10.49	10.38	10.55
MACHINERY, EXCEPT ELECTRICAL	42.4	42.6	42.8	10.43	10.55	9.97
METALWORKING MACHINERY	41.8	42.2	42.6	10.78	10.81	10.59
SPECIAL INDUSTRY MACHINERY	43.1	43.4	43.8	11.08	12.01	10.66
ELECTRICAL & ELECTRONIC MACH EQUIP	41.9	42.6	42.1	9.57	9.54	9.06
COMMUNICATIONS EQUIPMENT	42.8	43.9	42.5	10.59	10.81	10.21
ELECTRONIC COMPONENTS	43.8	44.2	42.9	9.54	9.48	9.21
TRANSPORTATION EQUIPMENT	40.7	40.7	40.2	11.92	11.84	11.61
INSTRUMENTS	39.7	40.3	41.9	9.73	10.14	9.44
MEASURING & CONTROL DEVICES	40.2	40.7	42.0	8.18	8.35	7.67
MISCELLANEOUS MANUFACTURING IND	41.7	41.4	42.4	7.95	7.77	7.98
JEWELRY	42.9	40.6	43.4	7.78	7.32	7.37
NONDURABLE GOODS	40.5	40.7	39.9	8.59	8.57	8.18
FOOD & KINDRED PRODUCTS	43.7	43.0	42.8	9.08	9.41	9.26
TEXTILE MILL PRODUCTS	41.7	42.2	42.4	7.76	7.98	7.78
APPAREL	39.3	40.1	37.9	6.45	6.14	6.05
MENS & BOYS SUITS, COATS & FURN	41.8	42.0	38.9	7.25	7.03	6.80
PAPER AND ALLIED PRODUCTS	43.3	43.0	43.5	9.20	9.42	8.87
PRINTING AND PUBLISHING	37.8	38.6	37.7	9.60	9.50	9.05
CHEMICALS	41.9	41.1	41.1	10.91	11.03	10.58
RUBBER & MISC. PLASTICS PRODUCTS	41.1	41.6	39.7	8.28	8.12	7.67
MISCELLANEOUS PLASTIC PRODUCTS	40.1	40.5	39.3	7.88	7.67	7.30
LEATHER & LEATHER PRODUCTS	34.9	35.5	37.1	7.25	7.04	6.51
FOOTWEAR, EXCEPT RUBBER	31.8	32.6	35.9	6.35	6.19	5.68



(continued from page 1)

- Reflecting statewide trends, Worcester's manufacturing employment over the past year has declined nearly 3,000 while services have increased by a similar amount. The nonelectrical machinery industry in this area has been particularly hard hit, experiencing an employment loss of nearly 1,000 over the past year.

- Based on the 1985 annual average, the Worcester area posted the second lowest unemployment rate among the state's 11 major labor market areas. During the first half of 1986, Worcester continued to show comparatively low unemployment with an average rate of 3.8 percent.

Worcester MSA
Industry Employment
Annual Average 1985
(in 000's)

	Employment	% of Total
Total	182.1	100.0
Mining	0.1	—
Construction	7.7	4.2
Mfg.	46.4	25.5
T.P.U	8.0	4.4
Trade	43.3	23.8
F.I.R.E.	11.4	6.3
Services	42.5	23.3
Gov't	22.7	12.5

Unemployment Rate Decreases

The seasonally adjusted unemployment rate in Massachusetts dropped by three-tenths of a percentage point to 3.9 percent in October. Among the nation's 11 major industrial states, Massachusetts again posted the lowest unemployment rate. The state has held this position for 32 consecutive months. Massachusetts' unemployment rate remained below the national rate which held steady at 7.0 percent.

- Across the state, the 11 major labor market areas each showed declines in October's unadjusted unemployment rates, with the Boston PMSA and the Salem-Gloucester PMSA posting the lowest rates at 2.9 percent and 3.2 percent respectively.

- As seen in September, the Fall River PMSA and the New Bedford MSA experienced the highest unemployment of the major areas in the state with rates of 5.0 percent and 5.1 percent respectively.

- Among the smaller labor market areas, the Nantucket LMA continued to record the lowest unemployment rate at 2.1 percent followed by the Greenfield LMA at 2.4 percent. The Gardner LMA again recorded the highest unemployment rate at 5.6 percent while the Taunton LMA followed at 4.9 percent.

UNEMPLOYMENT RATES
UNITED STATES AND MASSACHUSETTS
SEASONALLY ADJUSTED

(In Thousands)

	Oct 86	Sept 86	Oct 85
United States	7.0	7.0	7.1
Massachusetts	3.9	4.2	3.8
Labor Force	3069.0	3083.0	3039.0
Employed	2950.0	2955.0	2922.0
Unemployed	119.0	128.0	117.0

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
UNITED STATES, MASSACHUSETTS AND THE LABOR AREA
NOT SEASONALLY ADJUSTED

(In Thousands)

AREA	October 1986	September 1986	October 1985
UNITED STATES			
LABOR FORCE	118,699,000	118,244,000	116,345,000
EMPLOYMENT	110,857,000	110,229,000	108,428,000
UNEMPLOYMENT	7,842,000	8,015,000	7,917,000
PERCENT UNEMPLOYED	6.6	6.8	6.8
MASSACHUSETTS			
LABOR FORCE	3,063,700	3,077,100	3,037,700
EMPLOYMENT	2,960,200	2,944,000	2,936,900
UNEMPLOYMENT	103,500	133,100	100,800
PERCENT UNEMPLOYED	3.4	4.3	3.3
MAJOR LABOR AREAS			
BOSTON PMSA			
LABOR FORCE	1,521,330	1,515,550	1,506,060
EMPLOYMENT	1,477,120	1,456,480	1,462,340
UNEMPLOYMENT	44,210	59,070	43,720
PERCENT UNEMPLOYED	2.9	3.9	2.9
BROCKTON PMSA			
LABOR FORCE	95,820	96,200	95,350
EMPLOYMENT	92,120	91,690	92,030
UNEMPLOYMENT	3,700	4,510	3,320
PERCENT UNEMPLOYED	3.9	4.7	3.5
FALL RIVER PMSA			
LABOR FORCE	74,890	76,850	76,390
EMPLOYMENT	71,140	72,000	72,130
UNEMPLOYMENT	3,750	4,850	4,260
PERCENT UNEMPLOYED	5.0	6.3	5.6
FITCHBURG-LEOMINSTER MSA			
LABOR FORCE	46,700	47,710	45,540
EMPLOYMENT	44,560	45,160	43,790
UNEMPLOYMENT	2,140	2,540	1,750
PERCENT UNEMPLOYED	4.6	5.3	3.8
LAWRENCE-HAVERHILL PMSA			
LABOR FORCE	185,770	185,210	186,320
EMPLOYMENT	177,550	175,430	178,000
UNEMPLOYMENT	8,220	9,780	8,320
PERCENT UNEMPLOYED	4.4	5.3	4.5
LOWELL PMSA			
LABOR FORCE	152,260	152,210	149,060
EMPLOYMENT	146,340	144,740	143,760
UNEMPLOYMENT	5,920	7,470	5,290
PERCENT UNEMPLOYED	3.9	4.9	3.5
NEW BEDFORD MSA			
LABOR FORCE	85,970	87,890	86,710
EMPLOYMENT	81,560	82,830	82,100
UNEMPLOYMENT	4,410	5,050	4,610
PERCENT UNEMPLOYED	5.1	5.7	5.3

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment.

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
UNITED STATES, MASSACHUSETTS AND THE LABOR AREA
NOT SEASONALLY ADJUSTED

(In Thousands)

AREA	October 1986	September 1986	October 1985
PITTSFIELD MSA			
LABOR FORCE	40,890	40,660	39,980
EMPLOYMENT	39,530	39,120	38,660
UNEMPLOYMENT	1,370	1,540	1,330
PERCENT UNEMPLOYED	3.3	3.8	3.3
SALEM-GLOUCESTER PMSA			
LABOR FORCE	149,680	151,210	146,780
EMPLOYMENT	144,880	145,430	141,960
UNEMPLOYMENT	4,800	5,780	4,820
PERCENT UNEMPLOYED	3.2	3.8	3.3
SPRINGFIELD MSA			
LABOR FORCE	244,540	242,630	244,440
EMPLOYMENT	235,550	231,840	235,850
UNEMPLOYMENT	8,990	10,790	8,580
PERCENT UNEMPLOYED	3.7	4.4	3.5
WORCESTER MSA			
LABOR FORCE	203,210	206,150	202,380
EMPLOYMENT	196,550	196,040	196,040
UNEMPLOYMENT	6,660	10,110	6,340
PERCENT UNEMPLOYED	3.3	4.9	3.1
OTHER LABOR AREAS			
AMHERST LMA			
LABOR FORCE	31,110	30,790	29,700
EMPLOYMENT	30,330	29,780	28,910
UNEMPLOYMENT	780	1,010	780
PERCENT UNEMPLOYED	2.5	3.3	2.6
ATHOL LMA			
LABOR FORCE	10,070	9,970	9,800
EMPLOYMENT	9,630	9,400	9,300
UNEMPLOYMENT	440	570	500
PERCENT UNEMPLOYED	4.4	5.7	5.1
ATTLEBORO LMA			
LABOR FORCE	47,160	47,620	47,550
EMPLOYMENT	45,140	44,560	45,370
UNEMPLOYMENT	2,010	3,060	2,180
PERCENT UNEMPLOYED	4.3	6.4	4.6
BARNSTABLE LMA			
LABOR FORCE	96,270	104,530	93,940
EMPLOYMENT	92,890	100,960	90,990
UNEMPLOYMENT	3,380	3,580	2,960
PERCENT UNEMPLOYED	3.5	3.4	3.1
DUKES COUNTY LMA			
LABOR FORCE	6,100	7,620	5,810
EMPLOYMENT	5,900	7,410	5,650
UNEMPLOYMENT	200	210	160
PERCENT UNEMPLOYED	3.3	2.7	2.8

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment.

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
UNITED STATES, MASSACHUSETTS AND THE LABOR AREA
NOT SEASONALLY ADJUSTED

(In Thousands)

AREA	October 1986	September 1986	October 1985
GARDNER LMA			
LABOR FORCE	13,930	14,070	14,300
EMPLOYMENT	13,150	13,130	13,580
UNEMPLOYMENT	780	940	710
PERCENT UNEMPLOYED	5.6	6.7	5.0
GREAT BARRINGTON LMA			
LABOR FORCE	8,690	8,790	9,750
EMPLOYMENT	8,470	8,550	9,540
UNEMPLOYMENT	220	240	210
PERCENT UNEMPLOYED	2.5	2.8	2.2
GREENFIELD LMA			
LABOR FORCE	24,440	24,730	24,070
EMPLOYMENT	23,840	23,910	23,340
UNEMPLOYMENT	600	820	730
PERCENT UNEMPLOYED	2.4	3.3	3.0
NANTUCKET LMA			
LABOR FORCE	5,600	6,950	5,360
EMPLOYMENT	5,480	6,840	5,260
UNEMPLOYMENT	120	120	100
PERCENT UNEMPLOYED	2.1	1.7	1.9
NORTH ADAMS LMA			
LABOR FORCE	18,600	18,610	19,010
EMPLOYMENT	17,710	17,540	17,830
UNEMPLOYMENT	890	1,070	1,170
PERCENT UNEMPLOYED	4.8	5.7	6.2
SOUTHBRIDGE LMA			
LABOR FORCE	13,300	13,490	12,610
EMPLOYMENT	12,750	12,700	12,210
UNEMPLOYMENT	550	790	400
PERCENT UNEMPLOYED	4.1	5.8	3.1
TAUNTON LMA			
LABOR FORCE	26,180	26,380	25,370
EMPLOYMENT	24,900	24,930	24,230
UNEMPLOYMENT	1,280	1,450	1,140
PERCENT UNEMPLOYED	4.9	5.5	4.5
WARE LMA			
LABOR FORCE	8,040	8,200	8,860
EMPLOYMENT	7,780	7,860	8,550
UNEMPLOYMENT	260	340	310
PERCENT UNEMPLOYED	3.2	4.1	3.5
BALANCE of WESTERN MASS EA			
LABOR FORCE	8,510	8,570	8,050
EMPLOYMENT	8,250	8,250	7,800
UNEMPLOYMENT	260	320	250
PERCENT UNEMPLOYED	3.1	3.7	3.1

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment.

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
MASSACHUSETTS CITIES AND TOWNS

OCTOBER 1986 PRELIMINARY ESTIMATES

City or Town Name	Labor Force	Employ-ment	Unemploy-ment	Rate
ABINGTON	7,441	7,213	228	3.1
ACTON	10,095	9,890	205	2.0
ACUSHNET	4,991	4,820	171	3.4
ADAMS	4,708	4,498	210	4.5
AGAWAM	13,493	13,162	331	2.5
ALFORD	222	217	5	2.3
AMESBURY	7,836	7,468	368	4.7
AMHERST	20,228	19,698	530	2.6
ANDOVER	15,142	14,717	425	2.8
ARLINGTON	28,239	27,667	572	2.0
ASHBURNHAM	2,042	1,944	98	4.8
ASHBY	1,107	1,050	57	5.1
ASHFIELD	802	781	21	2.6
ASHLAND	5,875	5,740	135	2.3
ATHOL	4,529	4,330	199	4.4
ATTLEBORO	18,385	17,607	778	4.2
AUBURN	8,137	7,980	157	1.9
AVON	2,977	2,878	99	3.3
AYER	3,630	3,468	162	4.5
BARNSTABLE	19,038	18,443	595	3.1
BARRE	1,998	1,958	40	2.0
BECKET	659	644	15	2.3
BEDFORD	7,028	6,900	128	1.8
BELCHERTOWN	4,100	3,902	198	4.8
BELLINGHAM	7,483	7,215	268	3.6
BELMONT	14,487	14,208	279	1.9
BERKLEY	1,333	1,270	63	4.7
BERLIN	1,251	1,226	25	2.0
BERNARDSTON	922	903	19	2.1
BEVERLY	22,484	21,806	678	3.0
BILLERICA	23,301	22,491	810	3.5
BLACKSTONE	3,170	3,033	137	4.3
BLANDFORD	563	544	19	3.4
BOLTON	1,395	1,370	25	1.8
BOSTON	291,931	280,441	11,490	3.9
BOURNE	7,300	7,108	192	2.6
BOXBOROUGH	2,046	2,034	12	0.6
BOXFORD	2,945	2,887	58	2.0
BOYLSTON	1,962	1,919	43	2.2
BRAINTREE	19,890	19,287	603	3.0
BREWSTER	2,828	2,762	66	2.3
BRIDGEWATER	8,777	8,455	322	3.7
BRIMFIELD	1,140	1,095	45	3.9
BROCKTON	48,808	46,556	2,252	4.6
BROOKFIELD	1,239	1,192	47	3.8
BROOKLINE	33,481	32,769	712	2.1
BUCKLAND	929	914	15	1.6
BURLINGTON	13,914	13,603	311	2.2
CAMBRIDGE	56,015	54,415	1,600	2.9
CANTON	10,041	9,806	235	2.3
CARLISLE	1,827	1,767	60	3.3
CARVER	3,072	2,929	143	4.7
CHARLEMONT	585	564	21	3.6
CHARLTON	3,285	3,145	140	4.3
CHATHAM	3,339	3,288	51	1.5
CHELMSFORD	20,337	19,729	608	3.0
CHELSEA	11,380	10,804	576	5.1
CHESHIRE	1,553	1,503	50	3.2
CHESTER	539	518	21	3.9
CHESTERFIELD	551	529	22	4.0
CHICOPEE	27,245	26,235	1,010	3.7
CHILMARK	340	335	5	1.5
CLARKSBURG	929	881	48	5.2
CLINTON	6,471	6,270	201	3.1
COHASSET	3,739	3,645	94	2.5
COLRAIN	757	749	8	1.1
CONCORD	8,950	8,818	132	1.5
CONWAY	671	660	11	1.6
CUMMINGTON	357	347	10	2.8
DALTON	3,366	3,278	88	2.6
DANVERS	14,325	13,962	363	2.5
DARTMOUTH	13,094	12,585	509	3.9
DEDHAM	14,180	13,834	346	2.4
DEERFIELD	2,601	2,534	67	2.6
DENNIS	6,869	6,700	169	2.5
DIGHTON	2,712	2,564	148	5.5
DOUGLAS	1,803	1,741	62	3.4
DOVER	2,351	2,314	37	1.6
DRACUT	14,179	13,653	526	3.7
DUDLEY	4,615	4,489	126	2.7
DUNSTABLE	1,067	1,032	35	3.3
DUXBURY	5,734	5,567	167	2.9

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment

City or Town Name	Labor Force	Employ-ment	Unemploy-ment	Rate
EAST BRIDGEWATER	5,290	5,084	206	3.9
EAST BROOKFIELD	946	917	29	3.1
EAST LONGMEADOW	6,272	6,030	242	3.9
EASTHAM	2,150	2,053	97	4.5
EASTHAMPTON	8,069	7,894	175	2.2
EASTON	9,337	9,146	191	2.0
EDGARTOWN	1,530	1,487	43	2.8
EGREMONT	794	775	19	2.4
ERVING	569	539	30	5.3
ESSEX	1,724	1,672	52	3.0
EVERETT	19,082	18,242	840	4.4
FAIRHAVEN	8,126	7,779	347	4.3
FALL RIVER	42,367	39,972	2,395	5.7
FALMOUTH	14,505	13,967	538	3.7
FITCHBURG	19,353	18,242	1,111	5.7
FLORIDA	348	328	20	5.7
FOXBOROUGH	7,796	7,592	204	2.6
FRAMINGHAM	39,236	38,452	784	2.0
FRANKLIN	9,280	8,976	304	3.3
FREETOWN	3,797	3,642	155	4.1
GARDNER	7,848	7,400	448	5.7
GAY HEAD	130	125	5	3.8
GEORGETOWN	3,278	3,184	94	2.9
GILL	697	680	17	2.4
GLOUCESTER	15,099	14,339	760	5.0
GOSHEN	383	379	4	1.0
GOSNOLD	43	43	0	0.0
GRAFTON	6,107	5,970	137	2.2
GRANBY	2,687	2,582	105	3.9
GRANVILLE	656	639	17	2.6
GREAT BARRINGTON	3,884	3,773	111	2.9
GREENFIELD	9,316	9,052	264	2.8
GROTON	3,339	3,285	54	1.6
GROVELAND	3,036	2,920	116	3.8
HADLEY	2,960	2,910	50	1.7
HALIFAX	2,584	2,491	93	3.6
HAMILTON	4,000	3,926	74	1.9
HAMPDEN	2,238	2,175	63	2.8
HANCOCK	326	307	19	5.8
HANOVER	5,884	5,750	134	2.3
HANSON	4,236	4,023	213	5.0
HARDWICK	929	901	28	3.0
HARVARD	3,143	3,094	49	1.6
HARWICH	4,883	4,657	226	4.6
HATFIELD	2,090	2,028	62	3.0
HAVERHILL	25,574	24,311	1,263	4.9
HAWLEY	138	134	4	2.9
HEATH	236	231	5	2.1
HINGHAM	10,435	10,103	332	3.2
HINSDALE	788	763	25	3.2
HOLBROOK	6,219	6,022	197	3.2
HOLDEN	6,997	6,825	172	2.5
HOLLAND	757	729	28	3.7
HOLLISTON	7,132	7,008	124	1.7
HOLYOKE	18,521	17,674	847	4.6
HOPEDALE	2,013	1,931	82	4.1
HOPKINTON	4,088	4,010	78	1.9
HUBBARDSTON	771	725	46	6.0
HUDSON	9,633	9,430	203	2.1
HULL	4,714	4,472	242	5.1
HUNTINGTON	838	799	39	4.7
IPSWICH	6,444	6,247	197	3.1
KINGSTON	3,754	3,647	107	2.9
LAKEVILLE	2,926	2,813	113	3.9
LANCASTER	3,241	3,164	77	2.4
LANESBOROUGH	1,577	1,515	62	3.9
LAWRENCE	32,301	30,401	1,900	5.9
LEE	3,020	2,919	101	3.3
LEICESTER	4,820	4,664	156	3.2
LENOX	3,292	3,202	90	2.7
LEOMINSTER	17,286	16,609	677	3.9
LEVERETT	1,054	1,032	22	2.1
LEXINGTON	17,031	16,704	327	1.9
LEYDEN	279	270	9	3.2
LINCOLN	3,203	3,132	71	2.2
LITTLETON	3,943	3,865	78	2.0
LONGMEADOW	7,558	7,360	198	2.6
LOWELL	56,127	53,467	2,660	4.7
LUDLOW	9,710	9,425	285	2.9
LUNENBURG	4,311	4,173	138	3.2
LYNN	39,002	37,742	1,260	3.2
LYNNFIELD	5,988	5,877	111	1.9

OCTOBER 1986 PRELIMINARY ESTIMATES

City or Town Name	Labor Force	Employ-ment	Unemploy-ment	Rate
MALDEN	28,319	27,440	879	3.1
MANCHESTER	2,959	2,893	66	2.2
MANSFIELD	7,357	7,221	136	1.8
MARBLEHEAD	11,916	11,557	359	3.0
MARION	1,993	1,870	123	6.2
MARLBOROUGH	18,082	17,703	379	2.1
MARSHFIELD	10,987	10,637	350	3.2
MASHPEE	2,406	2,344	62	2.6
MATTAPOISETT	3,120	2,994	126	4.0
MAYNARD	5,483	5,328	155	2.8
MEDFIELD	5,293	5,200	93	1.8
MEDFORD	31,112	30,204	908	2.9
MEDWAY	4,549	4,448	101	2.2
MELROSE	16,293	15,883	410	2.5
MENDON	1,642	1,616	26	1.6
MERRIMAC	2,511	2,409	102	4.1
METHUEN	22,303	21,481	822	3.7
MIDDLEBOROUGH	7,723	7,324	399	5.2
MIDDLEFIELD	189	175	14	7.4
MIDDLETON	2,565	2,492	73	2.8
MILFORD	12,696	12,232	464	3.7
MILLBURY	6,022	5,766	256	4.3
MILLIS	3,745	3,659	86	2.3
MILLVILLE	826	783	43	5.2
MILTON	13,064	12,775	289	2.2
MONROE	76	73	3	3.9
MONSON	3,353	3,238	115	3.4
MONTAGUE	4,080	3,995	85	2.1
MONTEREY	490	481	9	1.8
MONTGOMERY	280	274	6	2.1
MOUNT WASHINGTON	67	66	1	1.5
NAHANT	2,161	2,118	43	2.0
NANTUCKET	5,599	5,480	119	2.1
NATICK	17,315	16,989	326	1.9
NEEDHAM	15,430	15,128	302	2.0
NEW ASHFORD	103	100	3	2.9
NEW BEDFORD	49,214	46,297	2,917	5.9
NEW BRAINTREE	304	298	6	2.0
NEW MARLBOROUGH	636	620	16	2.5
NEW SALEM	320	309	11	3.4
NEWBURY	2,595	2,446	149	5.7
NEWBURYPORT	9,362	8,981	381	4.1
NEWTON	48,286	47,286	1,000	2.1
NORFOLK	2,876	2,815	61	2.1
NORTH ADAMS	7,910	7,429	481	6.1
NORTH ANDOVER	11,460	11,117	343	3.0
NORTH ATTLEBOROUGH	11,244	10,801	443	3.9
NORTH BROOKFIELD	1,979	1,935	44	2.2
NORTH READING	6,555	6,403	152	2.3
NORTHAMPTON	14,454	14,001	453	3.1
NORTHBOROUGH	5,587	5,497	90	1.6
NORTHBRIDGE	6,162	5,947	215	3.5
NORTHFIELD	1,268	1,242	26	2.1
NORTON	6,959	6,705	254	3.6
NORWELL	4,739	4,659	80	1.7
NORWOOD	17,341	16,956	385	2.2
OAK BLUFFS	1,185	1,124	61	5.1
OAKHAM	427	412	15	3.5
ORANGE	2,724	2,613	111	4.1
ORLEANS	2,944	2,872	72	2.4
OTIS	481	465	16	3.3
OXFORD	5,836	5,576	260	4.5
PALMER	5,803	5,662	141	2.4
PAXTON	2,021	1,998	23	1.1
PEABODY	27,238	26,284	954	3.5
PELHAM	762	744	18	2.4
PEMBROKE	6,864	6,592	272	4.0
PEPPERELL	4,822	4,617	205	4.3
PERU	334	322	12	3.6
PETERSHAM	470	462	8	1.7
PHILLIPSTON	436	419	17	3.9
PITTSFIELD	25,180	24,261	919	3.6
PLAINFIELD	210	199	11	5.2
PLAINVILLE	3,118	2,992	126	4.0
PLYMOUTH	16,924	16,143	781	4.6
PLYMPTON	976	934	42	4.3
PRINCETON	1,328	1,305	23	1.7
PROVINCETOWN	2,579	2,311	268	10.4
QUINCY	47,012	45,657	1,355	2.9
RANDOLPH	15,964	15,517	447	2.8
RAYNHAM	4,862	4,726	136	2.8
READING	12,951	12,688	263	2.0
REHOBOTH	3,884	3,708	176	4.5
REVERE	22,116	21,158	958	4.3
RICHMOND	851	838	13	1.5
ROCHESTER	1,636	1,576	60	3.7
ROCKLAND	8,023	7,671	352	4.4
ROCKPORT	3,134	2,972	162	5.2
ROWE	155	148	7	4.5
ROWLEY	2,408	2,350	58	2.4
ROYALSTON	426	402	24	5.6
RUSSELL	731	711	20	2.7
RUTLAND	2,137	2,083	54	2.5
SALEM	22,143	21,422	721	3.3
SALISBURY	3,249	3,082	167	5.1
SANDISFIELD	341	333	8	2.3
SANDWICH	5,417	5,294	123	2.3
SAUGUS	13,699	13,358	341	2.5
SAVOY	277	255	22	7.9
SCITUATE	9,154	8,900	254	2.8
SEEKONK	6,527	6,217	310	4.7
SHARON	7,604	7,397	207	2.7
SHEFFIELD	1,552	1,518	34	2.2
SHELBURNE	931	913	18	1.9
SHERBORN	2,030	2,013	17	0.8
SHIRLEY	2,578	2,479	99	3.8
SHREWSBURY	12,309	11,994	315	2.6
SHUTESBURY	760	740	20	2.6
SOMERSET	9,897	9,487	410	4.1
SOMERVILLE	42,765	41,398	1,367	3.2
SOUTH HADLEY	8,610	8,361	249	2.9
SOUTHAMPTON	2,156	2,092	64	3.0
SOUTHBOROUGH	3,462	3,391	71	2.1
SOUTHBRIDGE	7,863	7,582	281	3.6
SOUTHWICK	3,741	3,613	128	3.4
SPENCER	5,279	5,122	157	3.0
SPRINGFIELD	67,023	63,880	3,143	4.7
STERLING	2,829	2,782	47	1.7
STOCKBRIDGE	1,267	1,246	21	1.7
STONEHAM	11,963	11,729	234	2.0
STOUGHTON	14,662	14,170	492	3.4
STOW	2,917	2,870	47	1.6
STURBRIDGE	3,007	2,851	156	5.2
SUDBURY	7,459	7,315	144	1.9
SUNDERLAND	2,302	2,248	54	2.3
SUTTON	2,872	2,754	118	4.1
SWAMPSCOTT	7,945	7,759	186	2.3
SWANSEA	7,820	7,513	307	3.9
TAUNTON	22,132	21,063	1,069	4.8
TEMPLETON	2,463	2,348	115	4.7
TEWKSBURY	15,486	14,938	548	3.5
TISBURY	2,116	2,035	81	3.8
TOLLAND	138	130	8	5.8
TOPSFIELD	3,115	3,059	56	1.8
TOWNSEND	3,703	3,624	79	2.1
TRURO	811	738	73	9.0
TYNGSBOROUGH	3,781	3,673	108	2.9
TYRINGHAM	225	221	4	1.8
UPTON	2,089	2,049	40	1.9
UXBRIDGE	4,242	4,039	203	4.8
WAKEFIELD	14,003	13,612	391	2.8
WALES	533	493	40	7.5
WALPOLE	10,131	9,898	233	2.3
WALTHAM	33,844	33,101	743	2.2
WARE	3,697	3,556	141	3.8
WAREHAM	10,031	9,519	512	5.1
WARREN	1,447	1,410	37	2.6
WARWICK	240	230	10	4.2
WASHINGTON	313	298	15	4.8
WATERTOWN	20,781	20,336	445	2.1
WAYLAND	6,912	6,798	114	1.6
WEBSTER	7,008	6,707	301	4.3
WELLESLEY	14,324	14,013	311	2.2
WELLFLEET	1,225	1,161	64	5.2
WENDELL	352	323	29	8.2
WENHAM	2,177	2,140	37	1.7
WEST BOYLSTON	3,263	3,183	80	2.5
WEST BRIDGEWATER	3,366	3,242	124	3.7

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment

OCTOBER 1986 PRELIMINARY ESTIMATES

City or Town Name	Labor Force	Employ-ment	Unemploy-ment	Rate
WEST BROOKFIELD	1,236	1,207	29	2.3
WEST NEWBURY	1,610	1,519	91	5.7
WEST SPRINGFIELD	14,236	13,880	356	2.5
WEST STOCKBRIDGE	704	690	14	2.0
WEST TISBURY	756	749	7	0.9
WESTBOROUGH	7,708	7,528	180	2.3
WESTFIELD	17,395	16,742	653	3.8
WESTFORD	8,431	8,201	230	2.7
WESTHAMPTON	688	679	9	1.3
WESTMINSTER	2,601	2,541	60	2.3
WESTON	5,884	5,838	46	0.8
WESTPORT	6,755	6,408	347	5.1
WESTWOOD	7,197	7,091	106	1.5
WEYMOUTH	30,912	29,950	962	3.1
WHATELY	957	930	27	2.8
WHITMAN	7,238	7,053	185	2.6
WILBRAHAM	6,033	5,861	172	2.9
WILLIAMSBURG	1,373	1,328	45	3.3
WILLIAMSTOWN	3,995	3,911	84	2.1
WILMINGTON	9,301	9,031	270	2.9
WINCHENDON	2,849	2,680	169	5.9
WINCHESTER	11,114	10,918	196	1.8
WINDSOR	336	330	6	1.8
WINTHROP	11,034	10,708	326	3.0
WOBURN	21,350	20,953	397	1.9
WORCESTER	78,251	75,269	2,982	3.8
WORTHINGTON	516	501	15	2.9
WRENTHAM	3,408	3,313	95	2.8
YARMOUTH	9,949	9,678	271	2.7

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment

UNEMPLOYMENT INSURANCE CLAIMS[1]
MASSACHUSETTS AND THE LABOR AREAS

NOT SEASONALLY ADJUSTED

MASSACHUSETTS AND THE LABOR AREAS	INITIAL CLAIMS			CONTINUED CLAIMS[2]		
	OCT 86	SEPT 86	OCT 85	OCT 86	SEPT 86	OCT 85
MASSACHUSETTS	4,995	7,091	6,097	44,221	47,130	48,848
MAJOR LABOR AREAS						
BOSTON PMSA	1,555	3,173	1,937	19,081	20,956	21,190
BROCKTON PMSA	211	139	170	1,421	1,632	1,517
FALL RIVER PMSA[3]	405	568	711	2,158	2,320	3,011
FITCHBURG-LEOMINSTER MSA	95	117	92	1,045	1,071	925
LAWRENCE-HAVERHILL PMSA[4]	370	344	488	3,149	3,358	3,159
LOWELL PMSA[4]	187	293	340	2,623	2,818	2,644
NEW BEDFORD MSA	488	334	705	2,348	2,044	2,764
PITTSFIELD MSA	89	58	71	540	533	623
SPRINFIELD MSA	311	266	315	2,014	2,152	2,440
SALEM-GLOUCESTER PMSA	335	332	512	4,062	4,178	4,081
WORCESTER MSA	336	961	368	2,890	3,376	3,192
OTHER LABOR AREAS						
AMHERST LMA	10	15	17	99	115	141
ATHOL LMA	22	25	22	171	193	254
BARNSTABLE COUNTY LMA	279	133	209	1,189	944	1,143
BALANCE OF WESTERN MA EA	9	8	10	66	71	83
DUKES COUNTY LMA	18	7	14	70	51	67
GARDNER LMA	45	37	40	353	377	399
GREAT BARRINGTON LMA	12	8	9	71	70	82
GREENFIELD LMA	26	35	29	208	246	362
NANTUCKET LMA	10	4	8	38	28	37
NORTH ADAMS LMA	66	43	54	381	364	699
SOUTHBRIDGE LMA	43	72	26	220	275	206
TAUNTON LMA	175	107	83	511	532	556
WARE LMA	11	16	19	111	127	151

1 - Week that includes the 12th
2 - Includes regular compensation not extended compensation
3 - Includes Rhode Island residents of PMSA
4 - Includes New Hampshire residents of PMSA

EXPLANATION OF TERMS

Nonagricultural Wage and Salary Employment. Includes all workers who worked full or part-time or who received vacation pay, holiday pay or sick leave pay directly from the employer for the pay period which includes the 12th of the month. Excluded are workers in most agricultural industries as well as those in forestry, fisheries and international government. Also excluded are self-employed workers, unpaid family workers and domestics in private households.

Benchmark. A reasonably complete count of employment at a specified period of time, usually the first quarter of the year. The principal sources of benchmark data for the CES Program are tabulations of employment reported by establishments covered by the Massachusetts Employment Security Law and by Federal government agencies covered by Federal U.I. Law. These principal sources are supplemented for those nonagricultural jobs not covered by U.I. (e.g., religious, students employed by the institution attended)

Establishment. An establishment is an economic unit which produces goods or services, generally at a single physical location and is engaged in only one type of activity.

Labor Force. The sum of the employed and unemployed living in the area (total employment plus total unemployment)

Total Employment. The count of persons, living in the area, who did any work at all, in any area, for pay or profit during the week of the month including the 12th or who had a job from which they were temporarily absent because of illness, vacation, labor dispute or other reasons which does not reflect a shortage of work.

Total Unemployment. The count of persons, living in the area, who did no work at all, in any area, during the week of the month including the 12th, but who were looking for work or awaiting recall from layoff or beginning a new job within the next 30 days.

Unemployment Rate. Unemployment expressed as a percent of the labor force.

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